
FRANKLIN COUNTY

(Franklin County Water Service Area Map)

- Estimated 1999 population of 45,300--96% on public water
- Estimated 2020 population of 46,100--96% on public water
- 265 miles of water lines, with plans for 31 additional miles
- Estimated funding needs for public water 2000-2005--\$7,741,000
- Estimated funding needs for public water 2006-2020--\$11,999,000

Franklin County had an estimated population of 45,321 (19,433 households) in 1999 with a projected population of 46,136 (21,496 households) in 2020. Public water is provided to about 96 percent of the county's residents. In areas of the county not served by public water, about 25 percent of the households rely on private domestic wells and 75 percent of the households rely on other sources. About 85 customers will be added to public water service through new line extensions in 2000-2020.

Estimated Costs - Proposed Projects, 2000-2005

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
FRANKLIN								-
Elkorn W/D	2.5	4	75					75
Farmdale W/D					404			404
Peaks Mill W/D	2.0	5	76					76
U.S. 60	2.0	21	96					96
N. Shelby	3.0	5	90					90
Frankfort				2,500		2,000	2,500	7,000
TOTAL	9.5	35	337	2,500	404	2,000	2,500	7,741

Estimated Costs - Proposed Projects, 2006-2020

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	in \$1000	in \$1000	in \$1000	in \$1000	in \$1000
FRANKLIN								-
Elkorn W/D								-
Farmdale W/D				562			2,000	2,562
Peaks Mill W/D	14	24	650					650
U.S. 60								-
N. Shelby	7	25	287					287
Frankfort				6,600			1,900	8,500
Total	21	49	937	7,162			3,900	11,999

WATER SERVICE AREAS

FRANKLIN COUNTY

Kentucky

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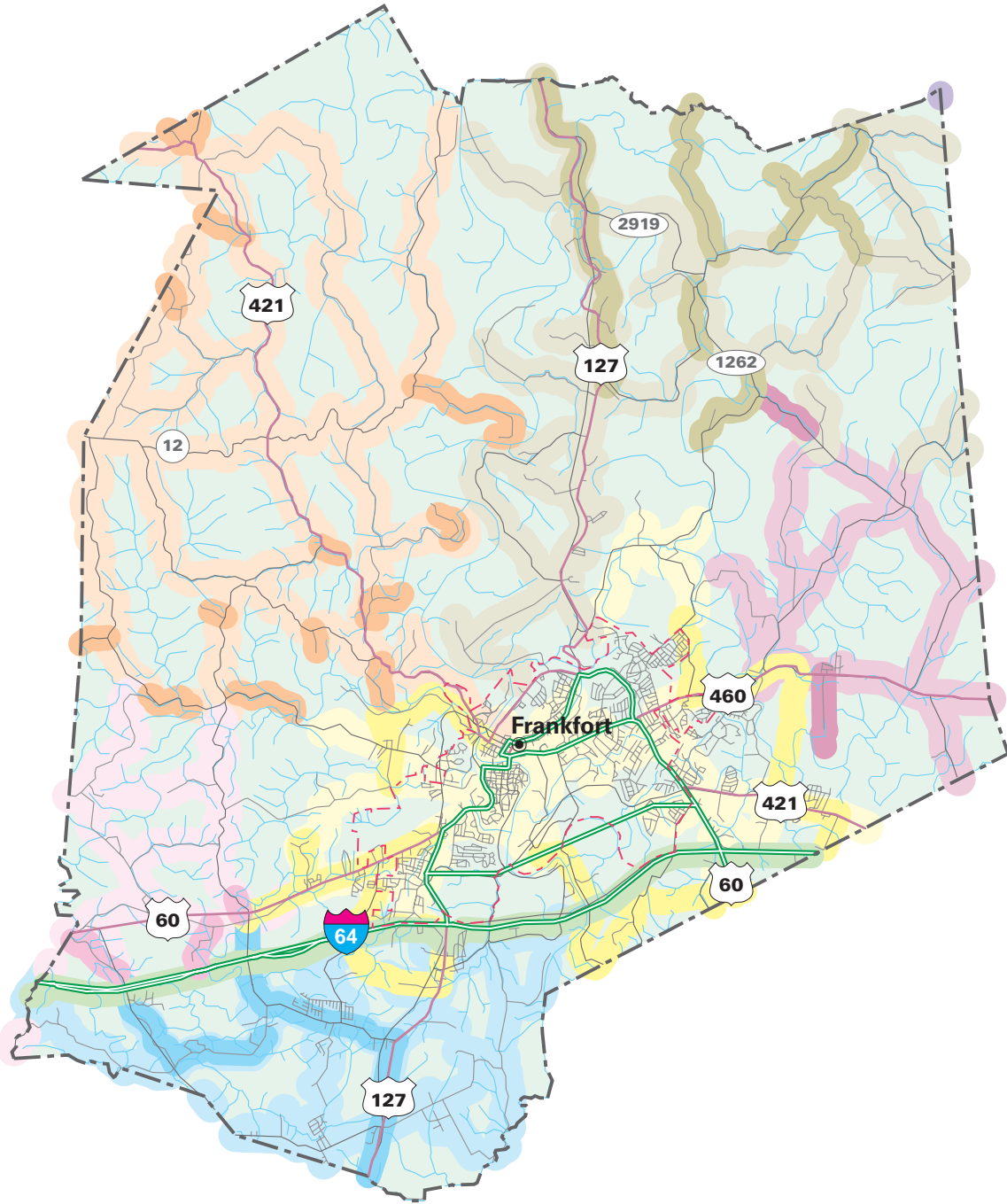
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WATER SERVICE STATUS BY OWNER		
EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		U S 60 WATER DISTRICT
		PEAKS MILL WATER DISTRICT
		NORTH SHELBY WATER DISTRICT
		KENTUCKY-AMERICAN WATER COMPANY
		GEORGETOWN MUNICIPAL WATER SERVICE
		FRANKFORT ELECTRIC & WATER PLANT BOARD
		FARMDALE WATER DISTRICT
		ELKHORN WATER DISTRICT



PUBLIC WATER SYSTEMS

Franklin County has 5 community water systems: 1 municipal, Frankfort Electric & Water Plant Board; 3 water districts, Elkhorn Water District, Peaks Mill Water District, and Farmdale Water District; and 1 private system. Parts of the county are also served by US 60 Water District and North Shelby Water District.

ELKHORN WATER DEPARTMENT

PWSID: 0980120
System Type:..... COMMUNITY
Owner Type: MUNICIPAL
Surface Source:..... RUSSEL FORK
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity: 0.40
Percent Daily Average Production: 60.00
Total Tank Storage Capacity: 200,000.00
Total Service Connections: 585.00
Number of Employees:..... 4.00
Treatment Operator Class: 2D
Distribution Operator Class:..... 2A
Customer Rate for 1,000 Gallons:..... NA
O/M costs 1997: NA
O/M costs per Service Connection: NA
Net Revenue 1997: NA
Total Water Produced 1997:..... NA
Water Sold 1997:..... NA
Unaccounted-for Water 1997:..... NA

FARMDALE WATER DISTRICT

PWSID: 0370128
System Type:..... COMMUNITY
Owner Type: WATER DISTRICT
Surface Source:
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 0.00
Percent Daily Average Production:..... 0.00
Total Tank Storage Capacity (gallons): 223,000.00
Total Service Connections: 2,284.00
Number of Employees:..... 5.00
Treatment Operator Class: 2D
Distribution Operator Class:
Customer Rate for 1,000 Gallons:..... 2.67
O/M costs 1997: 426,348.92
O/M costs per Service Connection: 188.73
Net Revenue 1997: 59,976.98

Total Water Produced 1997 (gallons):..... 0.00
Water Sold 1997 (gallons):..... 183,751,000.00
Unaccounted-for Water 1997 (%): 10.33

FRANKFORT ELECTRIC & WATER PLANT BOARD

PWSID: 0370143
System Type:..... COMMUNITY
Owner Type: MUNICIPAL
Surface Source: KENTUCKY RIVER POOL 4
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 18.00
Percent Daily Average Production:..... 43.00
Total Tank Storage Capacity (gallons): 500,000.00
Total Service Connections: 14,900.00
Number of Employees:..... 38.00
Treatment Operator Class: 3D
Distribution Operator Class:..... 4A
Customer Rate for 1,000 Gallons: Not available
O/M costs 1997: Not available
O/M costs per Service Connection: Not available
Net Revenue 1997: Not available
Total Water Produced 1997 (gallons): Not available
Water Sold 1997 (gallons): Not available
Unaccounted-for Water 1997 (%): Not available

PEAKS MILL WATER DISTRICT

PWSID: 0370346
System Type:..... COMMUNITY
Owner Type: WATER DISTRICT
Surface Source:
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 0.00
Percent Daily Average Production:..... 0.00
Total Tank Storage Capacity (gallons): 50,000.00
Total Service Connections: 922.00
Number of Employees:..... 0.00
Treatment Operator Class: 2D
Distribution Operator Class:
Customer Rate for 1,000 Gallons: 4.20
O/M costs 1997: 199,248.71
O/M costs per Service Connection: 220.65
Net Revenue 1997: 61,888.50
Total Water Produced 1997 (gallons): 0.00
Water Sold 1997 (gallons): 53,914,000.00
Unaccounted-for Water 1997 (%): 23.24

IMPERIAL MOBILE HOME PARK

Imperial Mobile Home Park is located in Franklin County. The system serves a population of 482 and has 146 service connections. The private, community system purchases water from Frankfort Electric and Water.

PRIVATE DOMESTIC SYSTEMS

About 1,800 residents of Franklin County rely on private domestic water systems: 500 on wells and 1,300 on other sources.

In the valley bottoms of the Kentucky River and Elkhorn Creek and their major tributaries, most drilled wells will produce enough water for a domestic supply at depths of less than 100 feet. Wells located in the smaller creek valleys throughout the county and the uplands of the southeastern part of the county will produce enough water for a domestic supply except during dry weather. In the upland area of the rest of Franklin County, which encompasses 40% of the county, most drilled wells will not produce enough water for a dependable domestic supply except along drainage lines that may produce enough water except during dry weather.

Throughout the county ground water is hard or very hard and may contain salt or hydrogen sulfide, especially at depths greater than 100 feet.
